

PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference
(if desired) (12 characters maximum) P-6250.70

Box No. I	TITLE OF INVENTION
POSITIVE DISPLACEMENT FLUSH SYRINGE	

Box No. II	APPLICANT	<input type="checkbox"/> This person is also inventor
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Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

BECTON, DICKINSON AND COMPANY
1 Becton Drive
Franklin Lakes, New Jersey 07417-1880
US

Telephone No.
(201) 847-5604

Faxsimile No.
(201) 848-9228

Teleprinter No.

Applicant's registration No. with the Office

State (that is, country) of nationality: US	State (that is, country) of residence: US
--	--

This person is applicant all designated States all designated States except the United States of America the United States of America only the States indicated in the Supplemental Box for the purposes of:

Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

KOSINSKI, Anthony J.
79 Princeton Drive
New Providence, New Jersey 07974
US

This person is:

- applicant only
- applicant and inventor
- inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality: US	State (that is, country) of residence: US
--	--

This person is applicant all designated States all designated States except the United States of America the United States of America only the States indicated in the Supplemental Box for the purposes of:

Further applicants and/or (further) inventors are indicated on a continuation sheet.

Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:

agent common representative

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Telephone No.
201-847-5317

HIGHET, David W.
Becton, Dickinson and Company
1 Becton Drive
Franklin Lakes, NJ 07417-1880
US

Faxsimile No.
201-848-9228

Teleprinter No.

Agent's registration No. with the Office
30,265

Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

Box No. V DESIGNATIONS

The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.

However,

- DE Germany is not designated for any kind of national protection
- KR Republic of Korea is not designated for any kind of national protection
- RU Russian Federation is not designated for any kind of national protection

(The check-boxes above may be used to exclude (irrevocably) the designations concerned in order to avoid the ceasing of the effect, under the national law, of an earlier national application from which priority is claimed. See the Notes to Box No. V as to the consequences of such national law provisions in these and certain other States.)

Box No. VI PRIORITY CLAIM

The priority of the following earlier application(s) is hereby claimed:

Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country or Member of WTO	regional application: * regional Office	international application: receiving Office
item (1) 09/01/04 09 January 2003	60/535,557	US		
item (2)				
item (3)				

- Further priority claims are indicated in the Supplemental Box.

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:

- all items
- item (1)
- item (2)
- item (3)
- other, see Supplemental Box

* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)):

Box No. VII INTERNATIONAL SEARCHING AUTHORITY

Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):

ISA / EP

Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):

Date (day/month/year) Number Country (or regional Office)

Box No. VIII DECLARATIONS

The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):

Number of declarations

<input type="checkbox"/> Box No. VIII (i)	Declaration as to the identity of the inventor	:
<input type="checkbox"/> Box No. VIII (ii)	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	:
<input type="checkbox"/> Box No. VIII (iii)	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	:
<input checked="" type="checkbox"/> Box No. VIII (iv)	Declaration of inventorship (only for the purposes of the designation of the United States of America)	: 1
<input type="checkbox"/> Box No. VIII (v)	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	:

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)
The declaration must conform to the following standardized wording provided for in Section 214: see Notes to Boxes Nos. VII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

**Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))
for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/..... (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications:

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Anthony J. KOSINSKI

Residence: New Providence, New Jersey 07974
(city and either US state, if applicable, or country)

Mailing Address: 79 Princeton Drive, New Providence, New Jersey 07974, US

Citizenship: US

Inventor's Signature:
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date:
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name:

Residence:
(city and either US state, if applicable, or country)

Mailing Address:

Citizenship:

Inventor's Signature:
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date:
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

Box No. IX CHECK LIST: LANGUAGE OF FILING

This international application contains:		This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):		Number of items
(a) in paper form, the following number of sheets:				
request (including declaration sheets)	: 4	<input checked="" type="checkbox"/> fee calculation sheet		: 1
description (excluding sequence listing and/or tables related thereto)	: 15	<input checked="" type="checkbox"/> original separate power of attorney		: 1
claims	: 5	<input checked="" type="checkbox"/> original general power of attorney		: 1
abstract	: 1	<input type="checkbox"/> copy of general power of attorney; reference number, if any:		:
drawings	: 15	<input type="checkbox"/> statement explaining lack of signature		:
Sub-total number of sheets	40	<input type="checkbox"/> priority document(s) identified in Box No. VI as item(s):		:
sequence listing		<input type="checkbox"/> translation of international application into (language):		:
tables related thereto		<input type="checkbox"/> separate indications concerning deposited microorganism or other biological material		:
(for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (c) below)		<input type="checkbox"/> sequence listing in computer readable form (indicate type and number of carriers)		
Total number of sheets	40	(i) <input type="checkbox"/> copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)		:
(b) <input type="checkbox"/> only in computer readable form (Section 801(a)(i))		(ii) <input type="checkbox"/> (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter		:
(i) <input type="checkbox"/> sequence listing		(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the sequence listing mentioned in left column		:
(ii) <input type="checkbox"/> tables related thereto		<input type="checkbox"/> tables in computer readable form related to sequence listing (indicate type and number of carriers)		
(c) <input type="checkbox"/> also in computer readable form (Section 801(a)(ii))		(i) <input type="checkbox"/> copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international application)		:
(i) <input type="checkbox"/> sequence listing		(ii) <input type="checkbox"/> (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater)		:
(ii) <input type="checkbox"/> tables related thereto		(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the tables mentioned in left column		:
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the		<input type="checkbox"/> other (specify):		:
<input type="checkbox"/> sequence listing:		<input type="checkbox"/> sequence listing:		
<input type="checkbox"/> tables related thereto:		<input type="checkbox"/> tables related thereto:		
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)				

Figure of the drawings which should accompany the abstract: 1 Language of filing of the international application: English

Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE
Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).

Jeanne P. Lukasavage, Attorney/Agent Reg. No. 45,172
 Becton, Dickinson and Company

For receiving Office use only		
1. Date of actual receipt of the purported international application: 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority (if two or more are competent): ISA / 6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid		2. Drawings: <input type="checkbox"/> received: <input type="checkbox"/> not received:

For International Bureau use only

Date of receipt of the record copy
 by the International Bureau:

This sheet is not part of and does not count as a sheet of the international application.

PCT

FEE CALCULATION SHEET Annex to the Request

For receiving Office use only

International Application No.

Date stamp of the receiving Office

Applicant's or agent's
file reference

P-6250.70

Applicant

BECTON, DICKINSON AND COMPANY

CALCULATION OF PRESCRIBED FEES

1. TRANSMITTAL FEE

300.00 T

2. SEARCH FEE

1,920.00 S

International search to be carried out by EP

(If two or more International Searching Authorities are competent to carry out the international search, indicate the name of the Authority which is chosen to carry out the international search.)

3. INTERNATIONAL FILING FEE

Where items (b) and/or (c) of Box No. IX apply, enter Sub-total number of sheets } 40
Where items (b) and (c) of Box No. IX do not apply, enter Total number of sheets }

i1 first 30 sheets 1,134.00 i1

i2 10 x 12.00 = 120.00 i2
number of sheets in excess of 30

i3 additional component (only if sequence listing and/or tables related thereto are filed in computer readable form under Section 801(a)(i), or both in that form and on paper, under Section 801(a)(ii)):

400 x _____ = i3
fee per sheet

Add amounts entered at i1, i2 and i3 and enter total at I 1,254.00 I

(Applicants from certain States are entitled to a reduction of 75% of the international filing fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 25% of the international filing fee.)

4. FEE FOR PRIORITY DOCUMENT (if applicable)

20.00 P

5. TOTAL FEES PAYABLE

3,494.00

TOTAL

MODE OF PAYMENT

authorization to charge deposit account (see below)

postal money order

cash

coupons

cheque

bank draft

revenue stamps

other (specify):

AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNT

(This mode of payment may not be available at all receiving Offices)

Authorization to charge the total fees indicated above.

Receiving Office: RO/ US

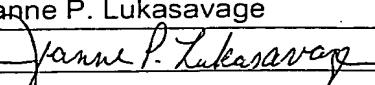
(This check-box may be marked only if the conditions for deposit accounts of the receiving Office so permit) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.

Deposit Account No.: 02-1666

Authorization to charge the fee for priority document.

Date: 7 January 2005

Name: Jeanne P. Lukasavage

Signature: 

See Notes to the fee calculation sheet

PCT

POWER OF ATTORNEY (for an international application filed under the Patent Cooperation Treaty) (PCT Rule 90.4)

The undersigned applicant(s) (*Names should be indicated as they appear in the request*):

KOSINSKI, Anthony J.

hereby appoints (appoint) the following person as:

agent

common representative

Name and address

(Family name, followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Fiedler, Alan W.	Ogden, Stacia L.
Fortunato, David M.	Petry, Douglas A.
Ghose, Mony R.	Rittman, Scott J.
Hight, David W.	Thomas, Nanette S.
Kiang, Allan M.	Voellmicke, John L.
Lindsey, Mark	West, Robert E.
Lukasavage, Jeanne P.	
Murtha, James J.	

1 Becton Drive
Franklin Lakes, New Jersey
07417-1880 US

to represent the undersigned before

all the competent International Authorities

the International Searching Authority only

the International Preliminary Examining Authority only

in connection with the international application identified below:

Title of the invention: POSITIVE DISPLACEMENT FLUSH SYRINGE

Applicant's or agent's file reference: P-6250.70

International application number (if already available):

filed with the following Office United States Patent and Trademark Office as receiving Office
and to make or receive payments on behalf of the undersigned.

Signature of the applicant(s) (*where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power*):

Anthony J. Kosinski

Date: _____

PCT

GENERAL POWER OF ATTORNEY (for several international applications filed under the Patent Cooperation Treaty) (PCT Rule 90.5)

The undersigned person(s) :

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

TECTON DICKINSON AND COMPANY
1 Becton Drive
Franklin Lakes, New Jersey 07417-1880
US

hereby appoint(s) the following person as:

agent

common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Fiedler, Alan W.	Ogden, Stacia L.	1 Becton Drive Franklin Lakes, New Jersey 07417-1880 US
Fortunato, David M.	Petry, Douglas A.	
Ghose, Mony R..	Rittman, Scott J.	
Hight, David W	Thomas, Nanette S.	
Kiang, Allan M.	Voellmicke, John L.	
Lindsey, Mark	West, Robert E.	
Lukasavage, Jeanne P.		
Murtha, James J.		

to represent the undersigned before

all the competent International Authorities

the International Searching Authority only

the International Preliminary Examining Authority only

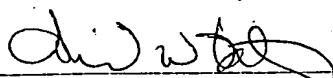
in connection with any and all international applications filed by the undersigned with the following Office

United States Patent and Trademark Office

as receiving Office

and to make or receive payments on behalf of the undersigned.

Signature(s) (where there are several persons, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading this power):



David W. Hight, Assistant Secretary
Becton Dickinson and Company

Date: 7 January 2005